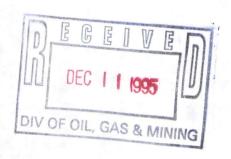


6305 Fern Spring Cove Austin, Texas 78730

Tel. (512) 346-4537 Fax (512) 346-3188



Nov. 30, 1995 File: DERR1195

Kent Gray, Executive Secretary (UST)
Utah Solid and Hazardous Waste Control Board
Division of Environmental Response and Remediation
168 North 1950 West
P.O. Box 144840
Salt Lake City, Utah 84114-4840

RE: Closure notice for underground tanks at the Drum Mine Facility ID #2000244

Dear Mr. Gray:

Enclosed is our closure notice with accompanying soil analysis and chain of custody for our two underground tanks at the Drum Mine (facility ID #2000244). The tanks were closed on Oct 24, 1995 by Conrad Miller under the supervision of Gary Astin (DERR) and Bruce Hall (Central Utah Public Health Department).

Sincerely,

David Hartshorn

Project Manager-Drum Mine

David Hadifa

cc: Rody Cox, BLM

Wayne Hedberg, DOGM





State Use Only

### UNDERGROUND STORAGE TANK CLOSURE NOTICE (Revised 03/01/93)

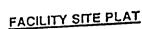
Date Processed

 Facility ID # 2000244

by

	Samples to LUST Review
Closure Notice prepared at the request of the owner/opera	ator (identified below) by DAVID HARTSHORN
of (company name) Jumbo MINING	Phone # (80/) 86 4-469 7
Address P.O. Box 999	Phone # (801) 864-4697  City DEC+A State UT Zip 84634
FACILITY INFORMATION	•
Tank Owner Jumbo MINING	Phone # (572) 346-453 7
[ ] dba (individual doing business as) [ ] sole proprieto	rship [] partnership [X] corporation
Address 6305 FERN SPRING COVE	City HUSTIN State TX Zip 78730
Facility Name DRUM MINE	
Address PO Box 999	City DECTA State UT Zip 84624
Contact person DAVE HARTSHORN	Phone # (801) 864-4697
Number of regulated tanks at the facility before closure:	_
Number of regulated tanks at the facility after closure: $\overline{\mathcal{L}}$	<u>&gt;</u>
TYPE OF CLOSURE   Permanent [ ] Tempor	rary [ ] Change-In-Service
•	Sludge was removed [X] Tank was cleaned.
	TANK # 2 - T CUT W/ POWER SAW; H & - RIPPED W/BALL
Location of Closure Records DRUM MINE OF	
For in place closure: tanks filled with	
Substance to be stored for Change-In-Service	
Temporary [ ] Fuel was emptied. [ ] Corrosion protection	on is operating. [ ] Release detection equipment is operating.
Residue depth remaining in tank inches, or	% by weight of total capacity of UST.
3 months: [ ] Vent lines open Cap/Secure: [ ]	
12 months: [ ] Permanently closed [ ] New/Up	graded [ ] Extension request
TANKS CLOSED	
Age of tank 12 YRS 12 YRS	
Capacity 40006AL 25006AL	
Subs. stored UNLEADER WASTE	
Date last used 1991 1993	
Date closed /0-34-95 /0-34-95	
Rmvd/in place 10-0+65 10-0+45	
Indicate the specific substance stored in each tank close	ed (requier unleaded diese) waste oil etc.)

	•_					
TANK REMOVER Name Conrad Mil	ler			Cert. # TR 0061	Exp	. date 6/7/95
Company CONRAD MILLER MECHANI	CAL			Phone # ( 801	v 529-3	3626
Address 201 EAST 300 NORTH				State_		
SOIL/GROUNDWATER SAMPLER Name	Conrad Mill	er		Cert. # GS 0061	Exp. c	late 1/1/96
Company CONRAD MILLER MECHANIC	CAL		<del></del>	Phone # (801	529-36	26
Address 201 EAST 300 NORTH	<del></del>	City_	SALINA,	State	UTAH Zip	84654
•				_		
DISPOSAL SITES USED:						
Tank:	Mine		Date	10-24-95	Number _	
Product from Tank:	Monc	ب	Date	10-24-95	Amount _	0
Contaminated water from tank cleaning:	inal Tank \$	Monita	Date	10-24-95	_Amount _	70 Gal
Sludge:			Date _	10-24-95	Amount	20 Gal
Contaminated Water:	none		Date	10-24-95	Amount	0
Contaminated Soil:	none		Date	10-24-95	Amount	
Is any contaminated soil which was overexca	avated still on	site?	Yes	No	X No	t applicable
					·	
SITE ASSESSMENT						
Complete the Facility Site Plat (Closure Notice Plate   Closure   Notice   Closure   Closure	e) and Sample	Inform	nation Table	e (Closure Notice)	on pages	3 and 4 to show
the locations, depths, and other information consistently identified by sample ID # on the	on all soil/gro	oundwa e. and l	iter sample: lab analysis	s taken for closul Lreport	re. The sa	ampies must be
[X] Completed Facility Site Plat (Closure No.	otice) is attach	ed.				
[X] Completed Sample Information Table (C	Closure Notice	is atta	ached.			
[X] Certified lab analytical environmental sa	imple results a	re atta	ched.		·	
[X] Unified Soil Classification (USC) sample	results are at	tached	<b>l.</b>			
[X] Chain of Custody form is attached.						
Samples were properly: YES ] Collection	ed YES]La	beled	YES   Pa	ckaged YFS]T	ransported	i
YES [X] Samples were in sight of the person	on in custody a	ıt all tir	nes or in a	secured locked p	ace.	
I certify under penalty of law that the clos	iure site assa	ssmer	nt at thi <b>e</b> fa	cility was condu	cted in ac	eardanes with
no i 1-202 (parts 200.52 and 280.72) and R	311-205 U.A.(	C and	l that anv a	additional sampl	es require	d by R311-202
parts 280.52 and 280.72 and R311-205-2(a)	)(1) were prop	erty c	ollegted.	1		
Signature of Certifled Groundwater/Soil Sa	ampler		min	Miller		
Full name of Certified SamplerConr.	ad Miller			Date	11-	3-95



The site plat must show locations of all buildings, streets, property boundaries, tanks, piping, dispenser Islands, and underground utilities. The site plat must be drawn to an appropriate identified scale. It must show proposed sampling locations, substances stored in tanks, and other relevant information. Tank and cample identification must be consistent with the information given on p. 1 and 5 of the closure plan.

Facility ID # 2000244 Drawn By L North SURFALE TANK SOIL TYPE & DESKRY C' HORIZON (WEATHERED BEDRUCK) INSS-2 DEPTHE

1. Indicate sample locations, depths and sample type (soil, groundwater, unified soil classification).

2. Indicate tank number that corresponds with information given on page 1 of the Closure Plan.

38.0 X

37.0

Building, etc. outlines Key:

Tank & Line outlines

X 38 0

OFFICE E: 5937.3

Creeks, Rivers

0 = Monitoring Wells (MW-#,)

X = Sample Locations (SS-#, WS-#,)

[] = Water Wells (domestic, livestock, etc.)

-S-S-s- = Sewer Lines: -g-g-g- = Gas

TANK

-p-p-p- = Power -w-w-w- = Water -t-t-t- = Telephone -d-d-d- = French Drains

x<sup>820</sup>

SAMPLE INFORMATION TABLE (Closure notice)

Complete table for all samples that were taken for closure. Sample ID numbers on the table must be consistent with the sample ID numbers given on the site plat and in the lab analysis report.

Sample #/Lab ID#	Sub. stored	Spl. type <sup>1</sup>	Depth <sup>2</sup>	Compounds <sup>3</sup>	Analysis method(s) <sup>4</sup>
/ L24139-1	USED OIL	SS	8 '	TRH , BTEXN	EPA 418.1,8020/8015
/ L24139-2	USED OIL	SS	8'	TRH , BTEXN	EPA 418.1,8020/8015
/ 24139-03		USC	8'		2488-84, X4.2
/ L24139-4	UNLEADED	SS	9'	TPH, BTEXN	8015 MOD. EPA 8020
	UNLEADED	SS	9'	TPH, BTEXN	8015 MOD. EPA 8020
<u>/ L24139-5</u> 5 / 24139-06	ONLEADED	USC	9'		2488-84, X4.2
/ 24133-00					
	, <del></del>				
	• <u> </u>				
	_	,			
Contaminant com	et) below grade a	at which samp	oles were ta ample (TPH	ken. . BTEXN. O&G. etc)	5 mod., 8020, 413.1, etc).
Final depth (in fee Contaminant com Appropriate analy	et) below grade a pound(s) analyze sis methods for e	at which samp ed for each sa contaminant o	ples were ta ample (TPH compound(s	ken. . BTEXN. O&G. etc)	
Final depth (in fee Contaminant com Appropriate analy tate Certified Labo	et) below grade a pound(s) analyze sis methods for e	at which samp ed for each sa contaminant of AME	oles were ta ample (TPH compound(s ERICAN WES	ken. BTEXN, O&G. etc). in each sample (801 ST ANALYTICAL LAE	ORATORIES State UTAH Zip 84115
Final depth (in feet Contaminant com Appropriate analystate Certified Laborators 463 WE	et) below grade a pound(s) analyze sis methods for a tratory used:	at which samped for each same contaminant of AME	oles were ta ample (TPH compound(s ERICAN WES	ken. BTEXN, O&G. etc). in each sample (801 ST ANALYTICAL LAE	ORATORIES
Final depth (in fee Contaminant com Appropriate analy State Certified Laboradoress 463 WE Contact person Explain any Alon / E	et) below grade a pound(s) analyze sis methods for a gratory used:  EST 3600 SOUT  Clona Hayward unusual or externally of law that is form and that	at which sampled for each sampled for ea	compound(s  CRICAN WES  CRICAN WES	ken. BTEXN, O&G. etc). in each sample (801  ST ANALYTICAL LAE  CitySLC,Phone #  countered during the sample (801)	ORATORIES State UTAH Zip 84115
Final depth (in fee Contaminant com Appropriate analy State Certified Laboradoress463 WE Contact personE	et) below grade a pound(s) analyze sis methods for caratory used:  EST 3600 SOUT  Clona Hayward  unusual or externally of law that is form and that gred during tank	at which sampled for each sampled for ea	mer of the accurate ar	ken. BTEXN, O&G. etc). in each sample (801  ST ANALYTICAL LAE  CitySLC,Phone #  countered during the sample (801)	State UTAH Zip 84115 (801) 263-8686  Site assessment or closure:
Final depth (in fee Contaminant com Appropriate analy State Certified Laboradoress 463 WE Contact person Elease explain any NONE	et) below grade a pound(s) analyze sis methods for caratory used:  EST 3600 SOUT  Clona Hayward  unusual or external source and that some and that sed during tank	at which sampled for each sampled for ea	mstances en	ken. , BTEXN, O&G. etc). ) in each sample (801  ST ANALYTICAL LAE  City Phone #  countered during the second complete and furt	State UTAH Zip 84115 (801) 263-8686  Site assessment or closure:

Return completed Closure Notice form, Facility Site Plat and Sample Information Table, Soil/Groundwater sample lab analysis results, USC sample results, and Chain of Custody form within 90 days of UST Closure to:

State of Utah Dept. of Environmental Quality

Division of Environmental Response and Remediation UST Section

150 North 1950 West 2nd Floor

Salt Lake City, Utah 84116





### **ORGANIC ANALYSIS REPORT**

Client: Conrad Miller Contact: Conrad Miller

Analysis Requested: Volatile Aromatics

Total Petroleum Hydrocarbons

Lab Sample ID: L24139-Method Blank Date Analyzed: October 28,1995

Method Ref. Number: SW-846 #8020/8015

(Extraction - Sequential GC/PID/FID)

463 West 3600 South Salt Lake City, Utah	Analytical Results Units = mg/kg(ppm)	BTXN/TPH-E	
84115	Compound:	Detection <u>Limit:</u>	Amount Detected:
	Benzene	0.10	< 0.10
(801) 263-8686 Fax (801) 263-8687	Toluene	0.10	<0.10
	Ethylbenzene	0.10	< 0.10
	Total Xylene	0.10	<0.10
	Naphthalene	0.10	< 0.10
	Total Petroleum Hydrocarbons	2.0	<2.0

Released By:

Report Date: October 31,1995





# ORGANIC ANALYSIS REPORT

Client: Conrad Miller

Date Sampled: October 24,1995

Date Received: October 26,1995

Analysis Requested: Volatile Aromatics

Total Petroleum Hydrocarbons

Field Sample ID:

NORTH END TANK #2/8' BELOW GRADE

DRUM MINE/DELTA ID#2000244

Contact: Conrad Miller

Date Extracted: October 27,1995

Date Analyzed: October 28,1995

Method Ref. Number:

SW-846 #8020/8015

(Extraction-Sequential GC/PID-FID)

BTXN/TPH-E

Lab Sample ID: L24139-1

463 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Fax (801) 263-8687 **Analytical Results** 

Units = mg/kg(ppm)

Omes - mg/kg/ppm)		
Compound:	Detection Limit:	Amount Detected:
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Naphthalene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

- \* All compounds are reported on a dry weight basis.
- < Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:

Report Date: October 30,1995





#### ORGANIC ANALYSIS REPORT

Client: Conrad Miller

Date Sampled: October 24,1995

Date Received: October 26,1995

Analysis Requested:

Total Recoverable Petroleum

Hydrocarbons

Field Sample ID:

DRUM MINE/DELTA ID#2000244

NORTH END TANK #2/8' BELOW GRADE

Contact: Conrad Miller

Date Extracted: October 30,1995

Date Analyzed: October 30,1995

Method Ref. Number: EPA 418.1 (Extraction

Infrared Absorption)

Lab Sample ID:

T.24139-1

5.0

463 West 3600 South Salt Lake City, Utah 84115

**Analytical Results** 

Units = mg/kg(ppm)

Compound:

Total Recoverable Petroleum Hydrocarbons

Detection Limit:

Amount Detected:

TRPH

15.

(801) 263-8686 Fax (801) 263-8687

> < Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Report Date: October 31,1995





# ORGANIC ANALYSIS REPORT

AMERICAN WEST **ANALYTICAL LABORATORIES** 

Client: Conrad Miller

Date Sampled: October 24,1995 Date Received: October 26,1995

Analysis Requested:

Volatile Aromatics

Total Petroleum Hydrocarbons

Field Sample ID:

SOUTH END TANK #2/8' BELOW GRADE

DRUM MINE/DELTA ID#2000244

Contact: Conrad Miller

Date Extracted: October 27,1995

Date Analyzed: October 28,1995

Method Ref. Number:

SW-846 #8020/8015

(Extraction-Sequential GC/PID-FID)

Lab Sample ID: L24139-2

53 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686 Fax (801) 263-8687

Analytical Results		BTXN/TPH-E
Units = mg/kg(ppm)	Detection	Amount
Compound:	Detection <u>Limit:</u>	Detected:
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Naphthalene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

- \* All compounds are reported on a dry weight basis.
- < Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:

Report Date: October 30,1995





# ORGANIC ANALYSIS REPORT

Client: Conrad Miller

Date Sampled: October 24,1995

Date Received: October 26,1995

Analysis Requested:

Total Recoverable Petroleum

Hydrocarbons

Field Sample ID:

DRUM MINE/DELTA ID#2000244

SOUTH END TANK #2/8' BELOW GRADE

Contact: Conrad Miller

Date Extracted: October 30,1995 Date Analyzed: October 30,1995

Method Ref. Number:

EPA 418.1 (Extraction Infrared Absorption)

Lab Sample ID: L24139-2

3 West 3600 South alt Lake City, Utah 84115 **Analytical Results** 

Units = mg/kg(ppm)

Compound:

Total Recoverable Petroleum Hydrocarbons

Detection Limit:

5.0

Amount Detected:

**TRPH** 

12.

(801) 263-8686 ax (801) 263-8687

> < Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By: Laboratory

Report Date: October 31,1995





ORGANIC ANALYSIS REPORT

Client: Conrad Miller

Date Sampled: October 24,1995

Date Received: October 26,1995

Analysis Requested: Volatile Aromatics

Total Petroleum Hydrocarbons

Field Sample ID:

SOUTHWEST END TANK #1/9' BELOW GRADE

DRUM MINE/DELTA ID#2000244

Contact: Conrad Miller

Date Extracted: October 27,1995

Date Analyzed: October 28,1995

Method Ref. Number: SW-846 #8020/8015

(Extraction-Sequential GC/PID-FID)

BTXN/TPH-E

Lab Sample ID:

L24139-4

463 West 3600 South Salt Lake City, Utah

(801) 263-8686 Fax (801) 263-8687

84115

**Analytical Results** 

Units = mg/kg(ppm)

Compound:	Detection <u>Limit:</u>	Amount Detected:
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Naphthalene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

- \* All compounds are reported on a dry weight basis.
- < Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:

Liboratory Supervisor

Report Date: October 30,1995





### ORGANIC ANALYSIS REPORT

**AMERICAN WEST** ANALYTICAL **LABORATORIES**  Client: Conrad Miller

Date Sampled: October 24,1995

Date Received: October 26,1995

Analysis Requested: Volatile Aromatics

Total Petroleum Hydrocarbons

Field Sample ID:

NORTHEAST END TANK #1/9' BELOW GRADE

DRUM MINE/DELTA ID#2000244

Contact: Conrad Miller

Date Extracted: October 27,1995 Date Analyzed: October 28,1995

Method Ref. Number:

SW-846 #8020/8015 (Extraction-Sequential GC/PID-FID)

Lab Sample ID:

L24139-5

63 West 3600 South Salt Lake City, Utah 84115

(801) 263-8686 Fax (801) 263-8687

**Analytical Results** Units = mg/kg(ppm) BTXN/TPH-E

Compound:	Detection <u>Limit:</u>	Amount Detected:
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Naphthalene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

- \* All compounds are reported on a dry weight basis.
- < Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:

Report Date: October 30,1995







Client: Conrad Miller Mechanical Date Sampled: October 24, 1995

Lab Sample ID.: 24139

Set Description: Six Soil Samples

Contact: Conrad Miller

Date Received: October 26, 1995

Received By: Elona Hayward

Analysis Requested:

Uniform Soil Classification

Method Ref. Number:

2488-84, X4.2

SOIL ANALYSIS REPORT

163 West 3600 South Salt Lake City, Utah

(801) 263-8686

Fax (801) 263-8687

**Analytical Results** 

Lab Sample ID.:

Field Sample ID.:

Classification:

sand (GW)

24139-03

Drum Mine

Well graded gravel with

Delta, Utah 84624 UST Site ID#2000244 South End Tank #2

U.S.C. 8' Below Grade

24139-06

Drum Mine

Delta, Utah 84624 UST Site ID#2000244

North East End Tank #1 U.S.C. 9' Below Grade Poorly graded sand with

gravel (SP)

Released by:

Report Date 10/31/95

# LOGIN CHAIN OF CUSTODY REPORT (ln01) Oct 27 1995, 01:39 pm

Login Number: L24139 Account: MIL447 Conrad Miller Site : DRUM MINE/DELTA ID#2000244

Contact: Conrad Miller

Laborator Sample Nu		Client Sample Number	Method Description	Collect Receive Date Date P	Due R Date	
L24139-1		NORTH END TANK	( #2/8' BELOW GRADE	24-OCT-95 26-OCT-95	09-NOV-95	
Share sam	nple	with O&G		n de an NOV OF her		1 Contain
Solids Solids	S	BTXN/TPH-E O&G-IR	Extracted BTEXN/TPH Analysis Oil & Grease by IR	Expires:07-NOV-95 btx Expires:07-NOV-95		Concur
L24139-2		SOUTH END TANK	K #2/8' BELOW GRADE	24-OCT-95 26-OCT-95	09-NOV-95	
Share sam	mple	with O&G		Parison OZ NOV OF htv		1 Contain
Solids	S	BTXN/TPH-E	Extracted BTEXN/TPH Analysis	Expires:07-NOV-95 btx Expires:07-NOV-95		T COMCULATION
Solids	S	O&G-IR	Oil & Grease by IR	Expires:07-NOV-95		
		COLUMN END TANK	K #2/8' BELOW GRADE	24-OCT-95 26-OCT-95	09-NOV-95	
L24139-3			Uniform Soil Classification	usc		1 Contain
Solids	S	USC	Unitoria Soft Classification			
		COLUMN CT END	TANK #1/9' BELOW GRADE	24-OCT-95 26-OCT-95	09-NOV-95	
L24139-4 Solids	c	BTXN/TPH-E	Extracted BTEXN/TPH Analysis	Expires:07-NOV-95 btx		1 Contain
Solids	3	BIAN/IFH-E	Excluded Plann,			
L24139-5		NORTHEAST END	TANK #1/9' BELOW GRADE	24-OCT-95 26-OCT-95	09-NOV-95	
Solids	s	BTXN/TPH-E	Extracted BTEXN/TPH Analysis	Expires:07-NOV-95 btx		1 Contain
******		NORTHEAST END	TANK #1/9' BELOW GRADE	24-OCT-95 26-OCT-95	09-NOV-95	
L24139-6 Solids	S		Uniform Soil Classification	usc		1 Contain

Page 1		
Signature:	8 8 8 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
Date:	78 m 2 m 1 m 2 m	